



HW-90

Organic fluorine leveling agent



Overview

HW-90 is a non-ionic fluorocarbon leveling agent containing reactive groups, primarily suitable for solvent-based coatings and ink systems. It offers fast leveling, effective wetting, and slip enhancement, making it especially suitable for industrial coatings and UV-curable coatings.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Non-ionic fluorocarbon surfactant
Solid Content	50.0 ±3.0 %	Solvent	NBAC
Density	0.84 g/ml		

Properties and Advantages

The non-ionic fluorocarbon surfactant features low surface tension, high heat resistance, and high chemical resistance, providing wetting, leveling, slip enhancement, and anti-fouling properties.

- Enhances hardness, tactile feel, anti-stick properties, water resistance, and solvent resistance
- Suitable for application processes such as spraying, brushing, rolling, printing, and transfer printing; particularly effective in preventing curtain break during curtain coating
- Contains hydroxyl groups, increasing surface crosslink density
- Excellent leveling properties, particularly suitable for UV-curable coatings
- Reduces surface tension with minimal impact on recoatability
- High heat resistance, withstands temperatures up to 250 °C

Dosage

0.05-0.5% of the total amount

Application

Solvent-based coatings, UV coatings, inks

Precaution & Storage

Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly closed and away from heat and open flames.

Safety

Refer to MSDS

Packaging

25 KG/Barrel